

## Peerbolt Crop Management News & Opinions

Seasonal updates sent out weekly during the growing season, and sporadically when we have news & opinions to share during the off-season. ~ Tom & Anna Peerbolt

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With drier and warmer weather, mite populations are increasing. Three species are potential problems in our area. Twospotted spider mites have reached economically damaging levels in a couple of strawberry fields in the Ridgefield area. Twospotted, Yellow mites and McDaniel mites can be found (at low levels so far) in raspberries. They've all shown up in different areas--Twospotted on Sauvie Island, Yellow in Woodland and McDaniel in Brush Prairie. Although Twospotted can be found in all areas, so far the other two seem to be localized.

**Crops: Raspberries:** 1) Apply foliar fertilizers. 2) Go on with fungicide for botrytis control every 7-14 days.

**Blueberries:** Apply fungicide for botrytis control.

**Strawberries:** 1) Foliar fertilizers can be applied. 2) Apply fungicide for botrytis control every 7-10 days. 3) Treat for mites if needed.

**Chemical Updates:** 1) Remember **Orbit** has a 30-day preharvest interval on raspberries. I would guess that the cut off date for its use would be around May 23<sup>rd</sup>. 2) We have approval for using **Switch** in caneberrys for botrytis control. The rates are 14 ounces per acre per application with a maximum of 4 applications. No more than two consecutive applications are allowed in a row. Re-entry interval is 12 hours and the preharvest interval is 0 (that's zero) days.

### Insect monitoring update:

1) Mite counts are coming up quickly. Treatment thresholds can be reached in strawberries very fast this time of year.

2) Leafroller trap numbers are also rising fast and differences between areas and crop species are becoming more distinct. In general, **Brush Prairie, LaCenter** and **Gresham** are under 10 orange tortrix per trap per week, **Ridgefield** is between 10-30, **Woodland, Woodburn** and **Mt. Angel** areas have numbers upward of 50. Evergreen Blackberry fields in both Woodland and Mt. Angel are the highest right now (around 300). Larval populations are low.

3) Root weevil adults are now emerging. For planning purposes, I'm placing first adult emergence in the Ridgefield and Woodland areas around 5/10. Treatment for control of adults should take place before 5/31 (assuming egg laying would start 21 days after emergence). LaCenter and Brush Prairie are about a week behind in development.

4) Look out for Cyclamen Mite damage in strawberries. It usually shows up as very distorted new growth. I haven't seen any yet.

### Disease monitoring update:

1) **Rust**—The dry weather will help control the spread of rust in raspberries. A second application of Orbit would be recommended if new infections show up on primocanes and/or new growth.

2) **Cane Blight**—I'm finding more in raspberries than in previous years. If you have canes with partial (or no) budbreak, scrape the base of the cane by the old catcher plate wounds. If the vascular tissue has orange streaks (should normally be moist and green), it's cane blight.

### Field Days:

1) **WSU Puyallup:** Strawberry: June 15, 6-8 pm, Raspberry: July 13 6-8 pm

2) **WSU Mt Vernon:** Raspberry/Blueberry: July 20, 4-6 pm

3) **OSU North Willamette:** Strawberry: June 13, Blueberry/Caneberry: July 6

**Weather:** Dry and warm weather this week. Could hit 80.

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